

I-1
7/21/88

Preliminary Assessment Narrative

Site: Satralloy
County Road 74
Steubenville, OH 43952

Date: July 21, 1988

Satralloy is a ferroalloy facility located approximately 5 miles southwest of Steubenville in Jefferson County, Ohio. The plant generates substantial quantities of slag/sludge, which when the plant was operating was open dumped on site. Satralloy has been out of business since December 1982.

As of January 24, 1986, sludge piles from the concentrate process was stockpiled on site. Two GSA chrome ore stockpiles were also present at the site. Also, as of 1/24/86, 100,000 tons of high carbon slag and 700,000 tons of low carbon slag were in storage. The high carbon slag was used on and off site for road gravel. According to Satralloy's plant manager, low carbon slag and fume dust were their only wastes.

The potential for heavy metal contamination of ground water at the site is high considering Satralloy open dumped their wastes. Much of the area surrounding Satralloy is rural, with some of the homes within 3 miles of the plant relying on private well water for drinking supplies. The plant is situated on the floodplain of Cross Creek and Ohio EPA personnel have observed plant wastes entering this creek.

A medium FIT priority is recommended for future activities at the site. The state will consider the site medium priority and investigate as time allows.

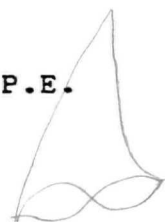
Submitted by:

Scott N. Bergreen
Scott N. Bergreen
July 21, 1988

Ken Dowdy

Approved by:

Stephan L. Hamlin, P.E.
Unit Supervisor
DSHWM, SEDO



EPA Region 5 Records Ctr.



388282

2224